

Nicolas Watkins

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SUMMARY

Dedicated IT professional specializing in network management and troubleshooting with extensive experience in data center environments. Proven ability to validate network infrastructures and conduct thorough audits, ensuring enhanced operational reliability. Expertise in cabling, routers, switches, along with a strong foundation in analytical skills drives towards technical excellence. Recognized for meticulous documentation of findings collaborating effectively with engineering teams to resolve connectivity issues promptly. Eager to leverage hands-on experience combined with continuous learning in pursuit of growth opportunities within network engineering.

EXPERIENCE

Network Technician June 2024 - Present
Tech Innovations Corp *Dublin, OH*

Accountable for validating network environments, directly improving operational effectiveness for implementations by conducting detailed network assessments. Solid experience working with engineering teams to trace circuits from Layer 1–3, providing insights into circuit integrity and optimizing performance.

- Validated network environments, enhancing operational readiness before go-live.
- Conducted end-to-end circuit tracing (Layer 1–3) pinpointing connectivity concerns promptly.
- Collaborated closely with engineers on interpreting engineering diagrams efficiently.
- Executed regular network audits maintaining infrastructure integrity aligned with designs.
- Developed and kept updated detailed circuit maps and topology diagrams as reference material.
- Documented significant findings proposing solutions magnifying network reliability overall.

Junior Network Analyst January 2023 - May 2024
Data Solutions Group *Grove City, OH*

Engaged in troubleshooting efforts targeting timely resolution of network connectivity issues which resulted in minimized downtimes. During this role, laid groundwork for a smooth transition into deeper facets of networking while supporting significant cabling projects.

- Supported troubleshooting of network connectivity, limiting downtime through proactive engagement.
- Assisted cabling infrastructure projects upholding best practices, improving work safety.
- Contributed to validation efforts on fiber and device connectivity during pre-implementation check.
- Participated actively in documenting network configurations improving protocols steadily.
- Working alongside cross-functional teams helped compare installations with early design requirements.
- Extracted valuable insights into ongoing network installations preparing for senior engineering roles.

Network Engineering Capstone Project September 2022 - December 2022
Tech University *Columbus, OH*

Focused on designing and implementing a simulated data center network successfully reinforcing cabling and routing techniques. Enhanced collaborative approaches that allowed for critical peer feedback vast benefitting future project completion.

- Designed and enacted a refined simulated data center establishing optimal cable layouts.
- Utilized network monitoring tools fostering better performance analyses to troubleshoot incorporated issues.
- Engaged rigorously in process documentation reaffirming design outcomes for academia.
- Collaborated deeply with peers aiming to enhance the deliverable quality through reviews.
- Developed comprehensive troubleshooting guides aiding subsequent project teams with practical resources.

LEADERSHIP & AWARDS

- Dean's List, Tech University (2025)
- 1st Place, University Hackathon (2025)

EDUCATION

Bachelor of Science in Information Technology 2026
Tech University GPA: 3.8 *Columbus, OH*

Coursework: Networking Principles, Data Structures, System Architectures, Network Security

CERTIFICATIONS

- CompTIA Network+ 📅 2026
- Cisco Certified Network Associate (CCNA) 📅 2026

TECHNICAL SKILLS

- **Cabling Technologies:** Fiber Optics, Cabling Installation, Wiring Standards
- **Networking Equipment:** Routers, Switches, Firewalls
- **Troubleshooting Tools:** Cable Testers, Protocol Analyzers, Trend Monitoring
- **Design Software:** Visio, AutoCAD, Lucidchart
- **Network Protocols:** TCP/IP, UDP, BGP
- **Network Monitoring Tools:** Wireshark, PRTG, SolarWinds
- **Documentation Platforms:** Confluence, SharePoint, OneNote
- **Project Management Tools:** Trello, Asana, JIRA
- **Operating Systems:** Windows, Linux, Cisco IOS
- **Security Frameworks:** NIST, ISO/IEC 27001, CIS Controls

SKILLS

- Network Troubleshooting
- Circuit Mapping
- Circuit Tracing
- Network Design
- Cabling Infrastructure
- Team Collaboration
- Engineering Diagrams
- Quality Assurance
- Routers & Switches
- Connectivity Issues
- Performance Verification
- Risk Management
- Documentation
- Infrastructure Audits
- Topology Diagrams

PROFESSIONAL AFFILIATIONS

- Member, Computer Networking Club
- Volunteer, Tech for Good Initiative

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST